



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit 3762 :  
In re Application of :  
VLADIMIR SHUSTERMAN : MULTI-SCALE ANALYSIS AND  
Serial No. 10/816,638 : REPRESENTATION OF  
Filed April 2, 2004 : PHYSIOLOGICAL AND  
: HEALTH DATA  
: Attorney Docket No. 286093-00001-4

**AMENDMENT** :

Eckert Seamans Cherin & Mellott, LLC  
600 Grant Street, 44th Floor  
Pittsburgh, PA 15219  
September 5, 2007

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Official Action dated 06/15/2007, please amend this application rewriting claims 1, 3, 20, 21, 23, 24, 25, 34 and 59, and withdrawing claim 30 without prejudice as follows.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 18 of this paper.